



# Course Specifications

<b>Course Title:</b>	<b>Oral Diagnosis – 1</b>
<b>Course Code:</b>	<b>MDS 242</b>
<b>Program:</b>	<b>Bachelor of Dentistry [ BDS ]</b>
<b>Department:</b>	<b>Maxillofacial surgery and Diagnostic sciences [MDS]</b>
<b>College:</b>	<b>College of Dentistry</b>
<b>Institution:</b>	<b>Majmaah University</b>

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## A. Course Identification

<b>1. Credits hours: 2</b> (1+0+1)
<b>2. Course type</b> a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/> b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered: 2<sup>nd</sup> Year / 2<sup>nd</sup> Semester</b>
<b>4. Pre-requisites for this course (if any): MDS 233</b>
<b>5. Co-requisites for this course (if any):NA</b>

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	50%
2	Blended	NA	NA
3	E-learning	NA	NA
4	Correspondence	NA	NA
5	Other -Clinical	15	50%

### 7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
<b>Contact Hours</b>		
1	Lecture	15
2	Laboratory/Studio	-
3	Tutorial	-
4	Others (Clinicals)	30
	<b>Total</b>	<b>45</b>
<b>Other Learning Hours*</b>		
1	Study	45
2	Assignments	1
3	Library	15
4	Projects/Research Essays/Theses	-
5	Others (specify)	-
	<b>Total</b>	<b>61</b>

\* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

## B. Course Objectives and Learning Outcomes

### 1. Course Description

This two-credit hour's course consists of theory and practical, both having 1 credit hour each.

1. This course is indented to train the students the method to diagnose oral diseases.
2. As the oral health care professional he would gain knowledge about how to perform history taking and record the findings
3. This course trains the students to perform clinical examination including general, systemic and local examinations.

### 2. Course Main Objective

- a. This course intends to take the students forward in terms of understanding of various steps in case history recording for diagnosing oral diseases.
- b. Students will be trained in differentiating normal versus abnormal tissues of oral cavity and the approach towards adequate diagnosis.
- c. Students will be trained in building the attitude of asking about the specific lesions and improve the skills of questioning related to specific lesions.

### 2. Course Learning Outcomes

CLOs		Aligned-PLOs
<b>1</b>	<b>Knowledge:</b>	
K3.15	Outline the importance of history taking to identify the common diseases and associated dental problems for adequate management	K3
<b>2</b>	<b>Skills:</b>	
S2.5	Summarize the different findings from history taking and adequate use of clinical examination skills as a primary chair side investigation for diagnosis of dental disorders	S2
S7.2	Demonstrate the skill of general and specific clinical examination using necessary dental equipment to arrive at proper diagnosis.	S7
<b>3</b>	<b>Competence:</b>	
C3.1	Demonstrate effective communication skills to meet and greet patient and his family members	C3

## C. Course Content

1. Topics to be Covered			
S.No	List of Topics	No. of Weeks	Contact hours
1	<b>Components of Case History</b> <ul style="list-style-type: none"> <li>● Meaning of Case History</li> <li>● Parts of case History</li> <li>● Methods of Examination</li> </ul>	1	1
2	<b>History Taking Part (1)</b> <ul style="list-style-type: none"> <li>● Objectives of case recording</li> <li>● Do's and don'ts of case recording</li> <li>● Parts of history taking</li> </ul>	1	1
3	<b>History Taking Part (2)</b> <ul style="list-style-type: none"> <li>● Chief Complaint and History of presenting illness</li> <li>● Past Medical and past dental history</li> <li>● Personal and Family History</li> </ul>	1	1
4	<b>General Examination</b> <ul style="list-style-type: none"> <li>● Built and nourishment</li> <li>● Pallor and Cyanosis</li> <li>● Icterus and Clubbing</li> <li>● Pulse and Blood Pressure</li> </ul>	1	1
5	<b>Review of Systems</b> <ul style="list-style-type: none"> <li>● Cardiovascular System</li> <li>● Central Nervous System</li> <li>● Respiratory System</li> <li>● Gastrointestinal System</li> <li>● Genitourinary System</li> </ul>	1	1
6	<b>Extra Oral Examination</b> <ul style="list-style-type: none"> <li>● Facial Profile</li> <li>● Examination of TMJ</li> <li>● Examination of Lymph Nodes</li> </ul>	1	1
7	<b>Intra Oral Examination</b> <ul style="list-style-type: none"> <li>● Examination of tongue</li> <li>● Examination of gingiva</li> <li>● Examination of teeth</li> </ul>	1	1
8	<b>Examination of Swelling and Ulcer</b> <ul style="list-style-type: none"> <li>● History and Examination of Swelling</li> <li>● History and Examination of Ulcer</li> </ul>	1	1
9	<b>Summary and Provisional Diagnosis</b> <ul style="list-style-type: none"> <li>● Points included in summary</li> <li>● Provisional Diagnosis</li> </ul>	1	1

<b>10</b>	<b>Chair side Investigations</b> <ul style="list-style-type: none"> <li>● Pulp vitality</li> <li>● Aspiration</li> <li>● Vital staining</li> <li>● Vizilite</li> </ul>	<b>1</b>	<b>1</b>
<b>11</b>	<b>Laboratory Investigations Part (1)</b> <ul style="list-style-type: none"> <li>● Auto florescence</li> <li>● Spectrometry</li> <li>● Oral CDX Brush</li> <li>● Biopsy</li> <li>● Intra Oral Camera</li> </ul>	<b>1</b>	<b>1</b>
<b>12</b>	<b>Laboratory Investigations Part (II)</b> <ul style="list-style-type: none"> <li>● Hematological Investigations</li> <li>● Tests of plasma</li> </ul>	<b>1</b>	<b>1</b>
<b>13</b>	<b>Facial Space Infections</b> <ul style="list-style-type: none"> <li>● Mode of spread of space infections</li> <li>● Primary maxillary space infections</li> <li>● Primary mandibular space infections</li> <li>● Principles of Management of space infections</li> </ul>	<b>1</b>	<b>1</b>
<b>14</b>	<b>Screening for oral cancer Part (1)</b> <ul style="list-style-type: none"> <li>● Neoplasm and its types</li> <li>● Potentially Malignant Disorders</li> <li>● TNM Staging and its objectives</li> </ul>	<b>1</b>	<b>1</b>
<b>15</b>	<b>Screening for oral cancer Part (2)</b> <ul style="list-style-type: none"> <li>● Diagnostic aids for oral cancer</li> <li>● Exfoliative cytology and vital staining</li> <li>● Chemiluminescence and Auto fluorescence</li> <li>● Imaging</li> </ul>	<b>1</b>	<b>1</b>

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1	<b>Knowledge</b>		
K3.15	Outline the importance of history taking to identify the common diseases and associated dental problems for adequate management	Lectures, textbook, discussion, audiovisual,	Written exams (MCQs & short notes) quizzes, Weekly Assessment, oral exam, practical exam.
2	<b>Skills :</b>		
S2.5	Summarize the different findings from history taking and adequate use of clinical examination skills as a primary chair side investigation for diagnosis of dental disorders	Demonstrations, discussions, audiovisual presentations and PBL	Written Exams, oral exams, quizzes, group discussions, weekly assessment, practical exam
S7.2	Demonstrate the skill of general and specific clinical examination using necessary dental equipment to arrive at proper diagnosis.	Demonstrations, discussions, handouts, audiovisual presentations	oral exams, Weekly Assess, group discussions, practical exam
3	<b>Competence:</b>		
C3.1	Demonstrate effective communication skills to meet and greet patient and his family members	Performing extra oral and intra oral examination	Case based scenario assignments, Weekly assessment, practical exams,

### 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz 1	Week 4	5%
2	Midterm exam – Theory	Week 7	20%
3	Behavior / Professionalism	During the course	05%
4	Assignment	During the course	05%
5	Weekly Assessment	During the course	20%
6	Oral Exam	Week 10	5%
6	Final Practical Exam	Week 14	20%
∨	Final Theory Exam	Week 15	20%

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

The student shall avail the consultancy during the displayed office hours

## F. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	✓ R.V. Faller – Assessment of oral health – Diagnostic technique and validation criteria
<b>Essential References Materials</b>	✓ Textbook of Oral Medicine by Anil Ghom – 2015 edition
<b>Electronic Materials</b>	None
<b>Other Learning Materials</b>	None

### 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> <li>✓ Lecture room suitable for 30 students</li> <li>✓ Fully equipped lab for practical sessions</li> </ul>
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> <li>✓ Projector</li> <li>✓ Smart board with all the accessories</li> <li>✓ Internet</li> </ul>
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ul style="list-style-type: none"> <li>✓ Dental clinics with basic facilities</li> <li>✓ Diagnostic instruments</li> <li>✓ Chair side investigation equipment (pulp tester, BP Apparatus, Trans illumination test equipment)</li> </ul>

## G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	<ul style="list-style-type: none"> <li>✓ Course Evaluation Survey</li> <li>✓ Quality of Exam Survey</li> </ul>
	Faculty	<ul style="list-style-type: none"> <li>✓ CLO Mapping with teaching &amp; assessment.</li> <li>✓ Course Blueprinting</li> <li>✓ Grade Analysis</li> <li>✓ Psychometric Analysis</li> </ul>
	Peers	Grade Verification
Extent of achievement of	Faculty member / Quality	✓ Direct assessment outcome



Evaluation Areas/Issues	Evaluators	Evaluation Methods
course learning outcomes	assurance committee	analysis ✓ Course report preparation
Quality of learning resources, etc	Students / Faculty	✓ Academic advising survey ✓ Student experience survey

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

Council / Committee	Department Council
Reference No.	Meeting No. 6
Date	30/08/1440